

13. — *Descriptions of three new Fresh-water fishes from Northern Rhodesia.* — By G. A. BOULENGER, F.R.S. etc.

FAMILY CHARACINIDAE.

ALESTES PÉRINGUEYI, n. sp.

Depth of body  $3\frac{1}{2}$  times in total length, length of head 4 times. Head twice as long as broad,  $4\frac{1}{2}$  times as long as deep; snout a little longer than eye, which is lateral and 4 times in length of head; adipose eyelid fully developed; maxillary not extending to below anterior border of eye; 16 teeth ( $\frac{2}{1}$ ) in upper jaw, 10 ( $\frac{3}{2}$ ) in lower; lower border of second suborbital longer than eye. Gill-rakers long and slender, 22 on lower part of anterior arch. Dorsal II 8, originating above last ray of ventral, at equal distance from end of snout and from caudal, longest ray  $\frac{3}{4}$  length of head. Anal III 13. Pectoral  $\frac{3}{4}$  length of head, not reaching ventral. Caudal forked. Caudal peduncle  $4\frac{1}{2}$  times as long as deep. Scales with radiating and anastomosing canals,  $29\frac{4\frac{1}{2}}{3\frac{1}{2}}$ , 2 between lateral line and root of ventral. Silvery, speckled with black above the lateral line; a whitish streak from the upper border of the gill-cover to the caudal, a black band, widest in front, extending on the middle rays of the caudal. Total length 133 mm.

A single specimen from Mansa River, N. Rhodesia; collected by Dr. Colyer.

Type in the South African Museum, No. 14530.

This species comes very near the West African *A. kingsleyae* Gnthr.

NANNOCHARAX MULTIFASCIATUS, n. sp.

Depth of body  $5\frac{1}{2}$  times in total length, length of head  $4\frac{1}{2}$  times. Head  $2\frac{1}{2}$  times as long as broad, deeper than broad; snout rounded, feebly projecting, as long as eye, which is  $3\frac{1}{3}$  times in length of head and equals inter-orbital width. Dorsal III 10, originating a little in advance of vertical of root of ventrals, equally distant from eye and from caudal; longest ray  $\frac{2}{3}$  length of head. Anal III 6.

Pectoral about  $\frac{2}{3}$  length of head, not reaching root of ventral. Lobes of caudal obtusely pointed. Caudal peduncle nearly twice as long as deep. Scales  $41\frac{5\frac{1}{2}}{6\frac{1}{2}}$ , 5 between lateral line and root of ventral; lateral line complete. Yellowish, with 15 brown vertical bars; a large black, light-edged ocellus at the root of the caudal fin, as in *N. ocellicauda* Blgr. Total length 48 mm.

A single specimen from Sesheke, R. Zambezi; presented by the Rev. L. Jalla.

Type in the South African Museum, No. 14844.

Closely allied to *N. luapulae* Blgr. (Rev. Zool. Afr. IV, p. 164, 1915) from the Luapula River, Katanga (Congo System).

#### FAMILY SILURIDAE.

##### SYNODONTIS COLYERI, n. sp.

Depth of body equal to length of head,  $\frac{1}{4}$  times in total length. Head  $1\frac{1}{6}$  times as long as broad, feebly rugose above behind snout, which is rounded and slightly longer than postocular part of head; eye supero-lateral, 6 times in length of head, twice in interorbital width; lips moderately developed; premaxillary teeth forming a short and broad band; movable mandibular teeth  $\frac{1}{3}$  diameter of eye, 22 in number. Maxillary barbel with a narrow marginal membrane at the base, as long as head, reaching anterior fourth of pectoral spine; outer mandibular barbel not quite twice as long as inner, the former with long slender branches, the latter with tubercular branches. Gill-opening not extending downwards beyond root of pectoral spine. Occipito-nuchal shield  $1\frac{1}{2}$  times as long as broad, with pointed posterior processes. Humeral process much longer than broad, not keeled, sharply pointed. Dorsal I 7; spine  $\frac{4}{5}$  length of head, feebly curved, smooth in front, rather strongly serrated behind. Adipose dorsal 4 times as long as deep, 3 times as long as its distance from rayed dorsal. Anal III 7, rounded. Pectoral spine a little shorter than head, strong, serrated on both sides. Ventral not reaching anal. Caudal strongly forked, upper lobe the longer. Caudal peduncle as long as deep. Olive-brown above, whitish beneath, with numerous black spots. Total length 142 mm.

A single specimen from Mansa River, N. Rhodesia; collected by Dr. Colyer.

Type in the South African Museum, No. 14529.

Allied to *S. zambesensis* Peters.